

Q= 2 x 4083 Nm3/h		
Capacity [tph]	Delta P [bar]	vel min [m/sec]
130	0,82	18,4
150	0,92	17,3
170	1,03	16,4
180	1,09	15,9
190	1,14	15,5
200	1,22	15,1
215	1,27	14,8

Type of conveying system	Positive pressure	
Material	Raw meal	
Pump	CP X-300	
Requires capacity	215,0	tns/hr
Conveying line configuration	See the table	
Gas used for conveying	Air	
Gas inlet temperature	10-100	°C
Height above sea level	900	m
Available pressure from the compressors	2,00	kgr/cm2 g
Flujo de gas a la entrada	8.166	Nm3/hr

Section #	Component	Orientation	Inside diameter [in.]	Equivalent length [m]	Cummulative eq.length [m]
1	Pipe	Horizontal	14	1	1
2	Bend 90°	Horizontal a Vertical	14	6	7
3	Pipe	Vertical	14	11	18
4	Valve	Vertical	14	6	24
5	Pipe	Vertical	14	24,3	48,3
6	Bend 90°	Vertical a Horizontal	14	6	54,3
7	Pipe	Horizontal	14	18,95	73,25
8	Pipe	Horizontal	14	18,95	92,2
9	Bend 90°	Horizontal a Horizontal	14	6	98,2
10	Pipe	Horizontal	14	2,6	100,8
11	Bend 90°	Horizontal a Vertical	14	6	106,8
12	Pipe	Vertical	14	13	119,8
13	Pipe	Vertical	14	13	132,8
14	Pipe	Vertical	14	13	145,8
15	Pipe	Vertical	14	13	158,8
16	Pipe	Vertical	14	13	171,8
17	Bend 180°	Vertical a -Vertical	14	12	183,8
18	Valve	Vertical	14	6	189,8
19	Pipe	Vertical	14	-4,6	185,2
20	Pipe	Horizontal	14	0	185,2